

CURRICULUM VITAE

F. Lee Tucker, MD

OFFICE ADDRESS:

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DATE AND PLACE OF BIRTH:

June 27, 1953
Alexandria, Virginia USA

CITIZENSHIP:

United States

SEX:

Male

EDUCATION:

University of Virginia
B.A. with High Distinction, 1976

University of Virginia
M.D., 1980

POSTGRADUATE TRAINING:

Resident, Pathology Department
University of Virginia Medical Center
July 1980 - June 1984
Renal Pathology Fellow 1982-1983

BOARD CERTIFICATION:

The American Board of Pathology
Anatomic & Clinical Pathology, 1985

EXPERIENCE:

President and Chief Medical Officer
Virginia Biomedical Laboratories, LLC
2008 – present

Virginia Biomedical Laboratories provides clinical consultative services in diagnostic surgical pathology to institutions, patients and physicians including pathologists, surgeons, radiologists and medical and radiation oncologists. Consultative services are available for laboratory implementation of advanced breast pathology techniques, comprehensive interdisciplinary breast program development and accreditation and international collaborative support of investigative breast disease research protocols.

Pathologist, Honorary Medical Staff
The Carilion Clinic
Roanoke, Virginia
2008 - present

Chairman and Medical Director
Department of Pathology and Laboratory Medicine
The Carilion Clinic
Roanoke, Virginia
2007 - 2008

Breast Cancer Research Associate
Department of OB-GYN
Carilion Clinic
Roanoke, Virginia
2007 - 2008

Pathologist, Active Medical Staff
The Carilion Clinic
Roanoke, Virginia
1984 - 2008

Pathologist, Associate Medical Staff
Carilion Franklin Memorial Hospital
Rocky Mount, Virginia
1984 - 2008

Carilion Breast Care Center and
High Risk Breast Genetics Clinic
Medical Director
Roanoke, Virginia
2000 – 2008

The Carilion Breast Care Center (CBCC) provides comprehensive screening and diagnostic services in Western Virginia. CBCC annually performs over 30,000 screening mammograms and 1,500 diagnostic workups per year; contributing to a departmental total of over 400 new breast cancer diagnoses per year. Five dedicated screening facilities and a centralized breast diagnostics center are equipped with state of the art equipment, including R-2 computer-aided diagnostics and stereotactic and ultrasound-guided percutaneous biopsy suites with breast MRI (Magnetom Esprit) and automated 3-D Ultrasound (U-Systems, Inc). The center is staffed with four full-time breast imagers.

EXPERIENCE (cont'd):

As Medical Director, I developed a high-risk breast genetics clinic staffed with an oncology-certified genetics counselor, maintained an active breast pathology consultation service as chief breast pathologist and managed the clinical research program, with 10 IRB - approved institution-original research protocols.

In addition, I chaired an 18 member professional advisory board with representatives from general and plastic surgery, breast imaging, pathology, obstetrics and gynecology, medical and radiation oncology, family medicine, nursing, cancer registry, bioinformatics, genetics counseling, marketing and management.

Carilion Consolidated Laboratory

Medical Director

Roanoke, Virginia

2002 – 2006

Carilion Consolidated Laboratory (CCL) is a high-complexity medical laboratory serving seven regional hospitals, five outpatient service centers and hundreds of physicians, clinics and nursing homes throughout Virginia, Eastern Tennessee and North Carolina. The medical director served as the chief medical officer of CCL. With over 400 FTE's and twelve pathologists, CCL performs over 4.0 million tests per year with annual revenues exceeding 100 million dollars.

Carilion Cardiopulmonary Laboratories

Medical Director

1998- 2003

Valley Medical Billing, Inc.

President 1995 - 2001

Vice President 1987 - 1994

Valley Pathology Associates, PC

President 1995 - 2001

Vice President 1984 - 1994

Virginia Biotechnical Laboratories, Inc.

President 1995 - 2001

Vice President 1987 – 1994

Associate Pathologist 1984 - 1987

Carilion Roanoke Community Hospital

Medical Director, Rapid Response Laboratory

1995 - 2006

Associate Director of Laboratories

1984 - 1994

Medical Director, Transfusion Services

1984 – 1989

Carilion Consolidated Laboratory

Medical Director, Histology

1997 - 1998

Medical Director, Cytology

1984 - 1998

Advisory Board member

1995 - 1999 (Board dissolved)

Curriculum Vitae
F. Lee Tucker, M.D.

Carilion Franklin Memorial Hospital
Laboratory Medical Director
1991 - 1999, 2001 – 2006

Gill Memorial Hospital (specialty ENT hospital)
Consultant Pathologist
Roanoke, Virginia
1984 - 1996 (hospital closed)

Veterans' Administration Medical Center
Consultant Pathologist
Salem, Virginia
1984 - 1997

Catawba Hospital
Consultant Pathologist
Catawba, Virginia
1984 - 1998

OFFICES AND COMMITTEES:

Gynecology Oncology Group (GOG)
Pathology Committee
1991-2008

Carilion Medical Center
Vice Chief, Pathology Service
2001 – 2007

Community Hospital of Roanoke Valley
Chief, Pathology Service 1995 - 2001
President, Medical Staff 1993 - 1996
Vice President, Medical Staff 1991 - 1993
Credentials Committee, member 1989 – 1993
Secretary-Treasurer, Medical Staff 1986 - 1991
Executive Committee: member 1986-1996, Chairman: 1993 - 1996
Performance Improvement Committee 1995 – 1999, 2001-2007
Steering Committee, Carilion Laboratory Consolidation Project 1995
Continuing Education Committee, Vice Chairman 1984 - 1989
Transfusion Services Committee, Chairman 1984 - 1989
Medical Care Quality Assurance Committee 1986 - 1994
Surgical Case Review Committee 1984 - 1989
Safety Committee 1984 - 1986

Franklin Memorial Hospital
Performance Improvement Committee 1997 - 1999, 2001 - 2006
Medical Care Quality Assurance Committee 1992 - 1996
Surgical Services Committee 1991 - 1993

Catawba Hospital
Infection Control Committee
Catawba, Virginia
1984 - 1998

Medical Examiner
City of Roanoke, Virginia: October 1984 - 1993
Charlottesville and Albemarle County, Virginia: March 1983 - June 1984

LICENSURE:

Virginia License, 1983 - present
Tennessee License, 2004 - 2007
Diplomate, American Board of Pathology, Anatomic and Clinical Pathology, 1985
Diplomate, National Board of Medical Examiners, 1981

TEACHING APPOINTMENTS:

University of Virginia School of Medicine
Clinical Assistant Professor of Pathology
Roanoke, Virginia
1984 – 1993, 2007 – 2009

Virginia School of Osteopathic Medicine
Assistant Professor of Pathology
Blacksburg, Virginia
2007 – 2009

Carilion Health System
OB and Gyn Residency
Instructor
Roanoke, Virginia
1994 - 1999

PROFESSIONAL SOCIETIES:

National Accreditation Program for Breast Centers (NAPBC)
Board Member, 2006-Present
Bioinformatics and Technology Committee, 2007-Present
Quality Measurement Committee, 2007-Present
Surveyor, 2007-Present

National Consortium of Breast Centers
Board of Trustees, 2011- Present
Program Committee, 2007-Present
Abstract Review Committee, 2006-2010
Member, 2002-present

American Society of Breast Disease, 2006

American College of Medical Genetics, 2005

International Society for Breast Pathology, 2001

Blue Ridge Pathology Society
Member 1984-2008 (organization dissolved)
President: 1993 - 1994, 1999 – 2008

U.S. and Canadian Academy of Pathology, Fellow, 1992

College of American Pathologists, Fellow, 1985

American Society of Clinical Pathologists, Fellow, 1985

Roanoke Academy of Medicine, 1984

American Medical Association, 1982

Virginia Society for Pathology, 1982

AWARDS AND HONORS:

Norwich-Eaton Research Award, 1983

Society for Clinical Investigation, Southern Section
Burroughs-Wellcome Young Investigator Award, 1982

Southern Medical Association Research Grant, 1981

Alpha Epsilon Delta, 1986

Phi Sigma Society, 1976

VOLUNTEER ACTIVITIES:

Jefferson College of Health Sciences Foundation

Roanoke, Virginia
Board of Directors, 1994 - present

Jefferson College of Health Sciences

Roanoke, Virginia
Board of Directors, 1988 - 1994, 2003 - present
Secretary-Treasurer 1990 - 1994
Chairman, Search Committee for College President, 1988 - 1989

The Carilion Clinic

Roanoke, Virginia
Board of Governors, 2007 - 2008

Carilion Health System

Roanoke, Virginia
Board of Directors, 2004 - 2008
Finance / Planning Committee, 2004 - 2008

Carilion Franklin Memorial Hospital

Board of Trustees, 1992 - 1994, 1998 - 2008
Vice President, 2001 - 2003
President, 2003 - 2008

Community Hospital of Roanoke Valley

Roanoke, Virginia
Board of Directors, 1993 - 1996
Quality Assurance Committee 1993 - 1996

Planned Parenthood of SW Virginia

Medical Affiliate Committee
1986 - 2000

Medical Advisor, SHARE

(Neonatal death grief support group)
1998 - 2007

American Cancer Society

Board of Directors
Roanoke Virginia
1989 - 1993

American Cancer Society

Professional Education Committee
Roanoke, Virginia
1989 - 1999

U-Systems, Inc
San Jose, CA
Medical Advisory Board
2008-2009

PUBLICATIONS :

Tucker, F.L., Sturgill, B.C. and Bolton, W.K., Acute serum sickness glomerulonephritis in normal and homonally bursectomized chickens.
Clin. Res. 25:55a, 1977 abst.

Tucker, F.L., Sturgill, B.C. and Bolton, W.K., Experimental autoimmune glomerulopathy in chickens: A model for studying humoral vs. cellular immune systems in pathogenesis?
Kidney Int. 12:520, 1977 abst.

Bolton, W.K., Tucker, F.L. and Sturgill, B.C. Experimental autoimmune glomerulonephritis in chickens.
J. Clin. Lab. Immunol. 3:179, 1980.

Tucker, F.L., Sturgill, B.C. and Bolton, W.K., The role of the cell mediated immunity in the pathogenesis of autoimmune experimental glomerulonephritis in chickens.
Clin. Res. 29:868a, 1981, abst.

Tucker, F. Lee and Bruns, David E., Fluorescein angiography as a source of electrophoretic artifacts.
Clin. Chem. 27:361, 1981, letter.

Tucker, F.L., Sturgill, B.C. and Bolton, W.K., Role of cell mediated immunity in the pathogenesis of autoimmune experimental glomerulonephritis in chickens.
Lab. Invest. 46:84A, 1982 abst.

Tucker, F.L., Sturgill, B.C. and Bolton, W.K., Cell-mediated immunity in the pathogenesis of experimental autoimmune glomerulonephritis in chickens.
Federation Proceedings 42:389, 1983 abst.

Tucker, F.L., Sturgill, B.C. and Bolton, W.K., Cell-mediated immunity in the pathogenesis of experimental autoimmune glomerulonephritis in chickens.
Clin. Res. 31:355A, 1983 abst.

Chevalier, Robert L., Cambell, Fern G., Sturgill, B.C., Tucker, F.L. and Sabio, Hernan; Bladder polyp and heavy proteinuria in a patient with Hodgkin's Disease in remission.Cancer 54:777-779, 1984.

Bolton, W.K., Tucker, F.L. and Sturgill, B.C., New avian model of experimental glomerulonephritis consistent with mediation by cellular immunity.
J. Clin. Invest. 73:1263-1276, 1984.

Tucker, F.L., Sturgill, B.C. and Bolton, W.K., Ultrastructural studies of experimental autoimmune glomerulonephritis in normal and bursectomized chickens.
Lab. Invest. 53:536-570, 1985.

Sturgill, B.C., Tucker, F.L. and Bolton, W.K., Immunoglobulin light chain nephropathies. In Pathology Annual, Rosen and Fechner (eds.), Norwalk, Appelton & Lange, 1987.

PUBLICATIONS (cont'd):

Liverman, P.C., Tucker, F.L., and Bolton, W.K., Erythrocyte sedimentation rate in glomerular disease: Association with urinary protein.
Am. J. Nephrol 1988; 8:363-367.

Zito D.R., Gurdak, R.G., Tucker, F.L., and Normansell, D.E., Hepatitis B virus serology. Loss of antibody to surface antigen. Am J. Clin. Pathol. 1987 Aug; 88(2):229-31.

Tucker, F. L., D'Amelio, S. and Hagan, C., Same-Day Breast Diagnosis (SDBD) Program: Patient Notification Preferences of Final Biopsy Results
Am J Clin Oncology 2007;30:453 Abst.

Tucker, F.L., Zarella C., Davenport, R. and Mullet, J., Surgical Margin Status Following Breast Conserving Surgery for Duct Carcinoma in Situ: A Comparison of Conventional and Large-Format Pathologic Techniques
Am J Clin Oncology 2007; 30:456 Abst

Tucker, F.L., Zarella C. and Davenport, R., Pathologic Stage and Multifocality of Invasive Duct Carcinoma (IDC) and Duct Carcinoma in Situ (DCIS): A Comparison of Conventional Pathology (CP) and Large Format (LF) Techniques in Surgical Excisions
J Am Coll Surg in press

Tucker, F.L., Patton, M., Davenport, R. and Mullet, J., Detection of Carcinoma in Surgically-Excised Breast Tissue (SEBT) Following Image-Directed Needle Biopsy (IDNB) Diagnosis of Atypical Duct Hyperplasia (ADH): A Comparison of Conventional Pathology (CP) and Large-Format Pathology (LFP) Techniques
American Society of Breast Disease; San Francisco, CA; May 2007 (Abst & poster)

Tucker, F.L., and Krupka, L., Discordant Imaging and Large Core Biopsy Findings Should Prompt Excisional Breast Surgery. Award: Best Clinical paper, 2005 American Society of Breast Disease, Annual Meeting, 2005.

Tucker, F.L., Mullet, J., and Davenport, R., Contrast Enhanced Breast Magnetic Resonance Imaging (MRI) and Large-Format Breast Pathology (LFBP) are Complementary Technologies to Characterize Malignant Breast Lesions.
American Society of Breast Disease, Poster, Annual Meeting, 2005.

PUBLICATIONS, (Cont'd):

Tucker, F.L., and Thomas, B., Role of Quality Management Committee in the Modern Interdisciplinary Breast Center. National Consortium of Breast Centers, Poster Annual Meeting, 2006.

Tucker, F.L., and Mitchell, L., Same Day Minimally Invasive Biopsy Program. National Consortium of Breast Centers, Poster Annual Meeting, 2006.

Tucker, F.L., Zarella, C., Davenport, R., and Mullet, J., Surgical Margin Status Following Breast Conserving Surgery for Duct Carcinoma in-Situ: A Comparison of Conventional and Large-Format Pathologic Techniques. National Consortium of Breast Centers, Poster Annual Meeting, 2007.

Tucker, F.L., D'Amelio, S., and Hagan, C., Same-Day Breast Diagnosis (SDBD) Program: Patient Notification Preferences of Final Biopsy Results. National Consortium of Breast Centers, Poster Annual Meeting, 2007.

Tucker, F.L., Patton, M., Davenport, R., and Mullet, J., Detection of Carcinoma in Surgically-Excised Breast Tissue (SEBT) Following Image-Directed Needle Biopsy (IDNB) Diagnosis of Atypical Duct Hyperplasia (ADH): A Comparison of Conventional Pathology (CP) and Large-Format Pathology (LFP) Techniques. American Society of Breast Disease, Poster Annual Meeting, 2009

Tucker, F.L., Zarella, C., and Davenport, R., Pathologic Stage and Multifocality of Invasive Duct Carcinoma (IDC) and Duct Carcinoma In-Situ (DCIS): A Comparison of Conventional Pathology (CP) and Large Format (LF) Techniques in Surgical Excisions.

American College of Surgeons Clinical Congress, 2007.
Poster of Exceptional Merit

Tucker, F.L., New Era Pathologic Techniques in the Diagnosis and Reporting of Breast Cancers. Seminars in Breast Disease, 11: 140-147, 2009

Tabar, L., Tucker, L., Davenport, R., Mullet J., Patterson, A., Chen, T., Yen, A., Chiu, S., Gladwell, J., Olinger, K., and Dean, P.: The Use of Mammographic Tumor Feature Significantly Improves Outcome Prediction of Breast Cancers Smaller than 15mm: A Reproducibility Study from Two Comprehensive Breast Centers, *in press*

INVITED LECTURES (2007- present):

Tucker, F.L., and Tabár, L.
Analysis of Breast Calcifications – Part 1 and 2
Latin American 14th Congress of Mastology - Cusco, Peru
September 14, 2007

Tucker, F.L., and Tabár, L.
Panel Discussion: In-situ Carcinoma of the Breast
Latin American 14th Congress of Mastology - Cusco, Peru
September 14, 2007

Tucker, F.L., Davenport, R., and Mullet, J.
Breast Cancer Care in the 21st Century
Lilliputian Surgical Society – Roanoke, VA
September 22, 2007

INVITED LECTURES (2007- present)

Continued:

- Tucker, F.L.
Applying Integrated Imaging/Large Format Techniques to Improve Diagnostic Accuracy
The Chicago International Breast Course – Chicago, IL
October 4, 2007
- Tucker, F.L., Hansen, Jaskowiak, and Kiel
Panel Discussion: The Multidisciplinary Breast Center – a Team Approach to Patient Management Issues
The Chicago Internal Breast Course – Chicago, IL
October 5, 2007
- Tucker, F.L.
A New Era in the Diagnosis of Breast Cancer
American Academy of Professional Coders (Roanoke, VA Chapter) – Roanoke, VA
December 10, 2007
- Tucker, F.L.
New-era Pathologic Techniques to Correlate with Modern Breast Imaging Methods
IAME Institute for Advanced Medical Education – Lake Buena Vista, FL
February 8, 2008
- Tucker, F.L.
Improving Breast Diagnostic Accuracy with Routine Imaging-Pathology Correlation
IAME Institute for Advanced Medicinal Education – Lake Buena Vista, FL
February 9, 2008
- Tucker, F.L.
Breast Pathology 101, National Consortium of Breast Centers, Annual Meeting Las Vegas, NV, March, 2008
- Tucker, F.L.
Improving Breast Cancer Diagnosis and Reporting: Large-Format Pathology, National Consortium of Breast Centers, Annual Meeting Las Vegas, NV, March, 2008
- Tabar, L and Tucker, F.L.
In-situ Breast Cancer: A Heterogenous Disease, National Consortium of Breast Centers, Annual Meeting Las Vegas, NV, March, 2008
- Tucker, F.L.
Interdisciplinary Breast Cancer Conference, Panel Discussion
National Consortium of Breast Centers, Annual Meeting Las Vegas, NV, March, 2008
- Tucker, FL
Improving the Diagnosis of DCIS with Imaging-Pathologic Correlation
The Chicago International Breast Course – Chicago, IL
September 12, 2008
- Tucker, FL
Improving breast Surgical Outcomes with Large-Format Pathologic Techniques
The Chicago International Breast Course – Chicago, IL
September 13, 2008

INVITED LECTURES (2007- present)

Continued:

Tucker, F.L.
Improving breast Surgical Outcomes with Large-Format Pathologic Techniques
The 7th Meeting of Pathology Directors of China, Beijing, China
October 23, 2008

Tucker, F.L.
A New Era in the Diagnosis of Breast Cancer
The 7th Meeting of Pathology Directors of China, Beijing, China
October 23, 2008

Tucker, F.L.
Improving Breast Diagnostic Accuracy with Routine Imaging-Pathology Correlation
Aurora Breast Imaging Society
San Juan, PR
January 17-19, 2009

Tucker, F.L.
Interdisciplinary Breast Cancer Conference, Panel Discussion
National Consortium of Breast Centers, Annual Meeting Las Vegas, NV, March,
2009

Tucker, F.L.
New-Era Diagnosis of the High-Risk Breast Patient
CME Fall Focus: Contemporary Issues in Breast and Ovarian Cancer
Women's Foundation of Lafayette, LA
October 24, 2009

Tucker, F.L.
Improving Breast Diagnosis with Large-Format Pathology
CME Fall Focus: Contemporary Issues in Breast and Ovarian Cancer
Women's Foundation of Lafayette, LA
October 24, 2009

Tucker, F.L.
I. Modern Breast Pathologic Techniques
II. Improving Breast Diagnostic Accuracy with Routine Imaging-Pathology
Correlation
III. High Risk Breast Pathology
IV. The Benign Breast Correlation Conference : Improving Diagnostic Sensitivity
and Specificity
The International Breast Conference,
Yeditepi University, Istanbul, Turkey
November 7, 2009

Tucker, F.L.
I. Developing a Modern Comprehensive Breast Cancer Program
II. Improving Breast Diagnostic Accuracy with Routine Imaging-Pathology
Correlation
Grand Rounds
Louis Schnieder Hospital
St. Thomas, VI
April 1, 2010

Tucker, F.L.
Development of the Breast Program Professional Advisory Board,
National Consortium of Breast Centers, Annual Meeting
Las Vegas, NV, March, 2011

Curriculum Vitae
F. Lee Tucker, M.D.

INVITED LECTURES (2007- present)

Continued:

Tucker, F.L.
Breast Program Organizational Models that Improve Success
National Consortium of Breast Centers, Annual Meeting
Las Vegas, NV, March, 2011

Rev 08/11